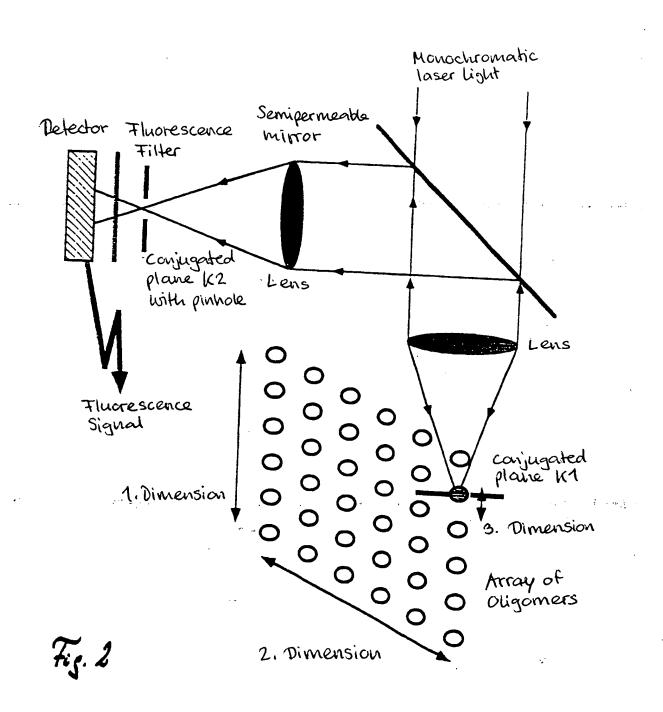


Fig. 1



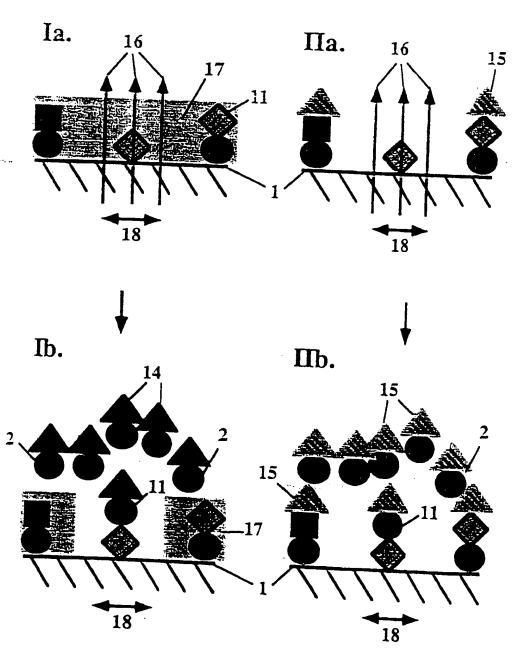
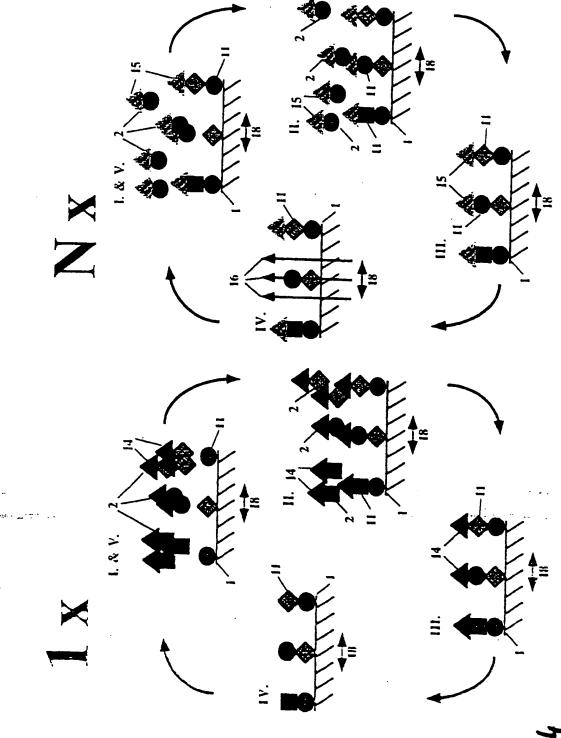
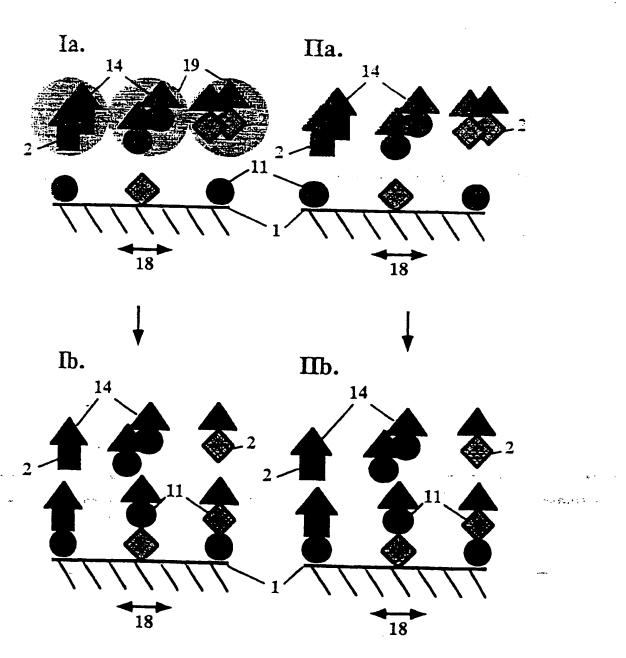


Fig. 3



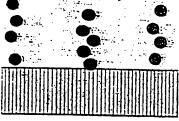
COCCOSS CSYLDI

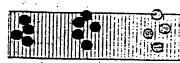
死,4



Fis. 5

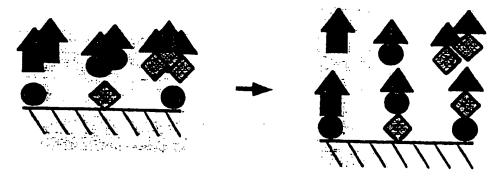
Demand on spotting of color



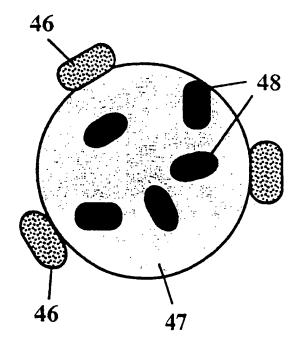


- Low diffusion rate of the large chromphors
- Rapidly evaporating solvent
- Absorbent paper

Demand on spotting of monomers for the combinatorial synthesis



- High diffusion rate of small monomers
- Very slowly evaporating solvent



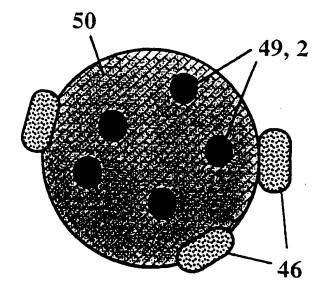
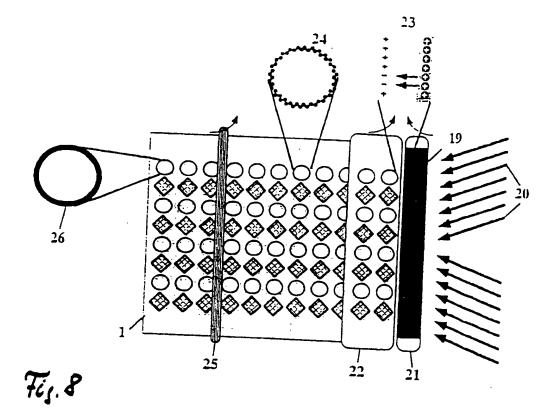
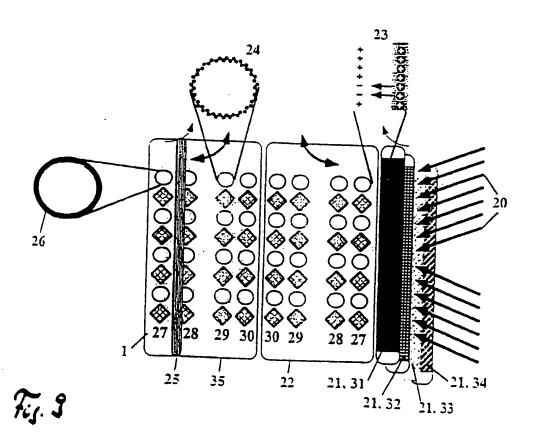
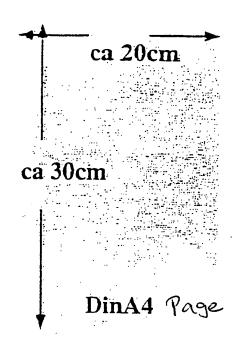


Fig. 7



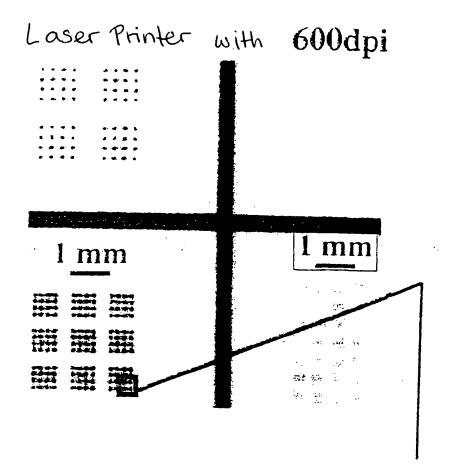




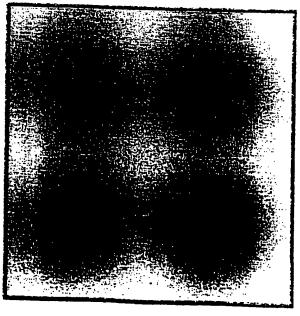
600 dpi = 600 dots per inch 600 dpi = ca 1 dot all 40μm 1.200 dpi = ca 1 dot all 20μm 2.400 dpi = ca 1 dot all 10μm 4.800 dpi = ca 1 dot all 5μm

## Dots per DinA4 Page:

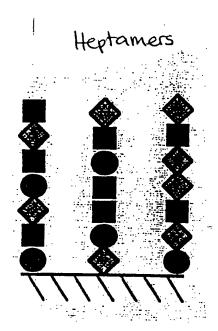
600 dpi = ca 5.000 x 7.500 = ca 30 millions dots 1.200 dpi = ca 10.000 x 15.000 = ca 125 millions dots 2.400 dpi = ca 20.000 x 30.000 = ca 500 millions dots 4.800 dpi = ca 40.000 x 60.000 = ca 2 milliards dots



# Scanner



 $50~\mu{\rm m}$ 



 $20^1 = 20$  different amino acids

 $20^2 = 400$  different dipeptides

 $20^3 = 8.000$  different tripeptides

 $20^4 = 160.000$  different tetrapephides

 $20^5 = 3,2$  millions different pentapeptides

206 = 64 millions different hexapeptides

 $20^7 = 1.280$  millions different heptapeptides

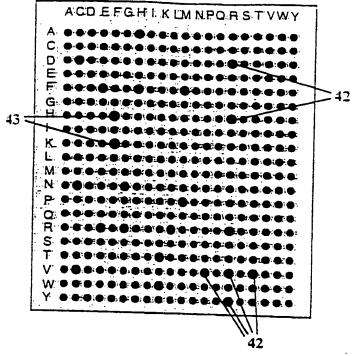
Deademontact

NH2 X X N N X X COOH

Complete pentapeptide library:
= 205 = 3,2 millions different peptide

NH2 X X N N X COOH Complete hexapeptide library: =206 = 64 millions different peptide

N= Set amino acid position X= Mixture of 20 different amino acid



Fcs. 16

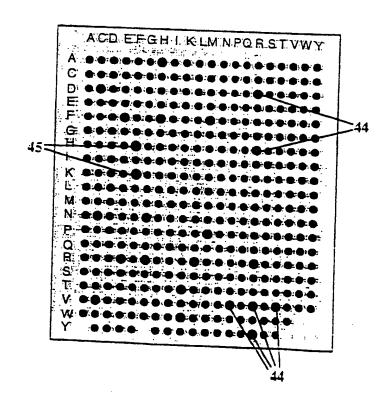
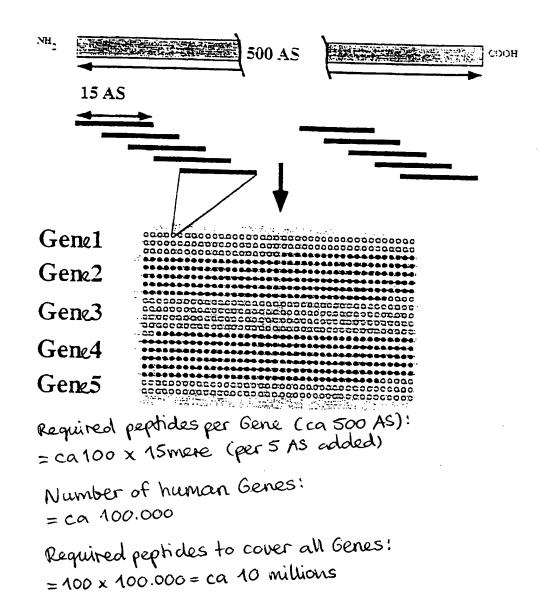


Fig. 18

#### 15/20



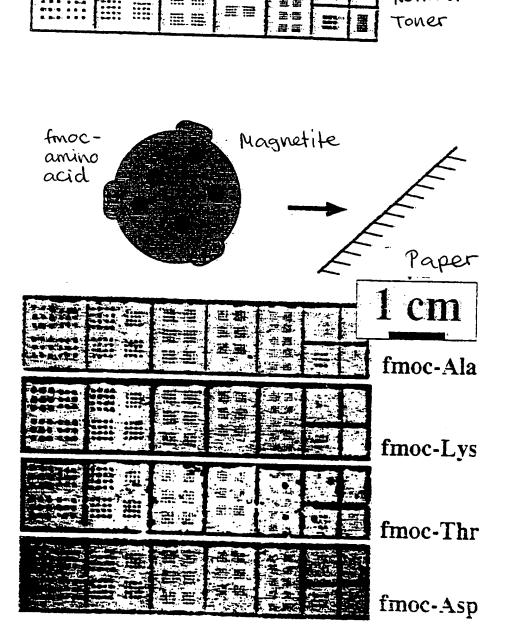
Fs. 17

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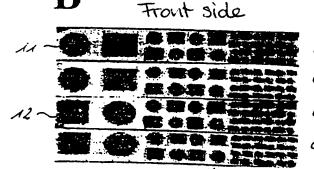
宝 强 宝 是

Normal

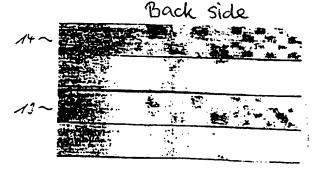


Frs. 13

syntheticed peptides Asp Asp Tyr ~ 6  $Asp \sim 1$ Lys - 7 Glu-2 Glu~3 Asp ~ ₽ Thr 4 Asp ~ 9 Thr~5 Asp~10 Asp Asp Lys Lys

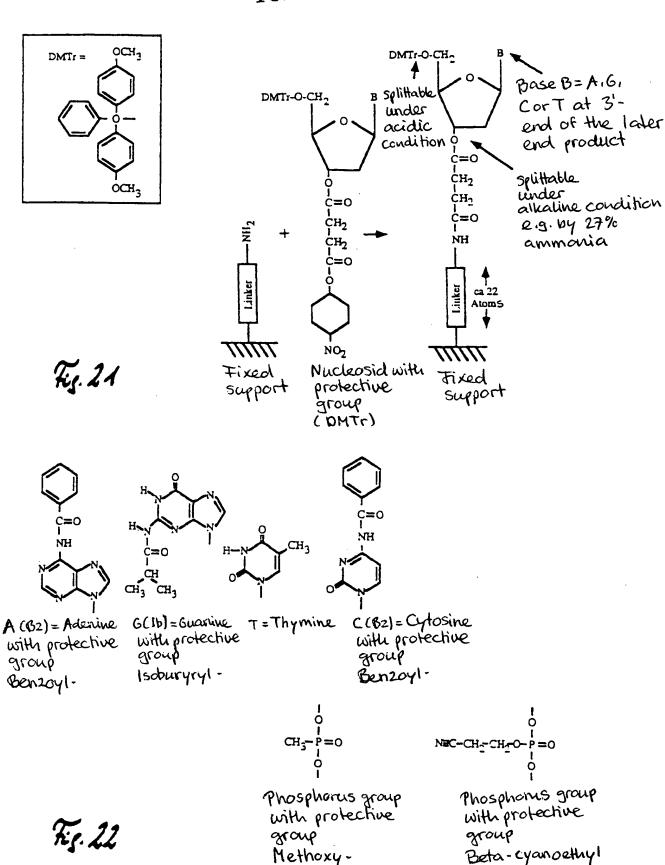


anti-FLA6 antibody anti-Aktin antibody anti-FLA6 antibody anti-Aktin antibody



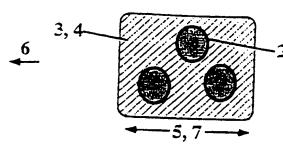
anti-FLAG antibody anti-Aktin antibody anti-FLAG antibody anti-Aktin antibody

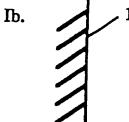
Fig. 20

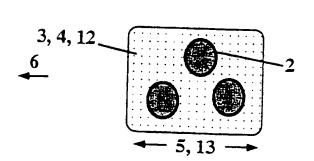


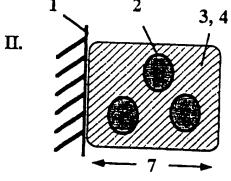
Fg. 24

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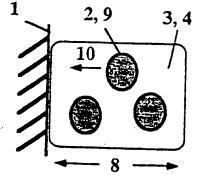




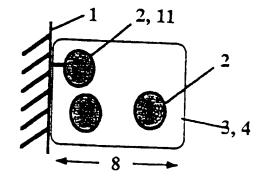




m.



IV.



Frs. 25

COMPOST BEACH